WR104

Wireless Router with 4-port Fast EtherSwitch

INTRODUCTION

The **Wireless Router with 4-port Fast EtherSwitch** is a broadband IEEE 802.11b compliant wireless router with a built in four-port fast Ethernet switch. It offers the easiest way to share and extend your high-speed DSL/cable modem Internet connection, either with or without wires. This high-performance IEEE 802.11b standards-based router connects all of your PC's equipped with wireless PC cards, while an integrated 4-port fast Ethernet switch connects your devices that need Ethernet wiring.

The **Wireless Router with 4-port Fast EtherSwitch** provides not only the ease of Internet access, but also the privacy of data transmission. Network Address Translation (NAT) and VPN pass-through provide your network with protection from hackers, while 64 and 128-bit WEP encryption guard your wireless network for maximum privacy. All incoming data packets are monitored and filtered. It can also be configured to block internal users from accessing to the Internet.

FEATURE

- Fully compatible with IEEE 802.11b standard and supports a high data rate up to 11 Mbps
- Interoperable with IEEE 802.11b (DSSS) 2.4GHz-Compliant equipment
- Capable of 64/128-bit WEP encryption
- Adjustable antennas provide for better access angle
- MAC address filtering, IP filtering, DHCP client/server
- Compatible with all major operating systems
- 1 port 10/100 Mbps N-Way Fast Ethernet for WAN (Internet connection)
- 4 ports 10/100Mbps N-Way Fast Ethernet Switch for LAN
- Supports VPN (PPTP, L2TP, IP-Sec pass thru)
- Supports PPPoE
- Auto-reconnect for PPPoE
- Supports Static DNS/IP
- Supports Internet applications such as Web, ICQ, FTP, Telnet, E-Mail, News, NetMeeting, Net2Phone, PCAnyWhere, mIRC, CuSeeMe, AoE…etc.
- Natural firewall keeps hackers out
- Support DoS (Denial of Service) hacker pattern detection and Event Log.
- DHCP Server allocates up to 253 client IP addresses.
- DHCP Client Table (Keep lock IP + MAC address)
- DHCP Client to get global IP address automatically.
- Virtual server.
- Policy based Packet Filters/Access Control and Time Schedule Control.
- Web UI Local/Remote Configuration and Management.
- Flash memory for firmware upgrade.
- Virtual DMZ Host.
- Blocks WAN request and Remote "Ping" request
- System Configuration can be save or load
- Support Network time (SNTP) and System Log

Specification

Standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet ANSI/IEEE 802.3 N-way Auto-Negotiation IEEE 802.11b Wireless LAN
Frequency	2.412 GHz to 2.4835 GHz Direct Sequence Spread Spectrum (DSSS)
Channels	11 Channels (US, Canada) 13 Channels (Europe) 14 Channels (Japan)
Data Rate (wireless)	1, 2, 5.5, and 11Mbps
Security Encryption	64-bit, 128-bit WEP encryption
Antenna	Two fixed type antennas
Ports	WAN: One 10/100Mbps RJ-45 port for Cable/DSL Modem LAN: Four 10/100Mbps switched ports
Buttons	Two MDI/MDIX buttons; one is for WAN connection, the other is for the 4th local port uplinkOne Factory Reset button
LED indicators	Power / Error — Green / Orange Internet (100/10Mbps) — Green / Yellow (flashing for activity) Local (100/10Mbps) — Green / Yellow (flashing for activity) Wireless LAN — Green (flashing for activity)
Protocols Supported	TCP/IP, NAT, ARP, ICMP, DHCP client/server, PPPoE, PPP, PAP, CHAP, NTP,HTTP, TFTP, POP3, RIP1/RIP2
Management	Web-Based configuration and management
Input power specifications	DC 5V, 1.5A
Power Consumption	5W
Physical Dimension	161 x 113 x 21mm^3 (Width x Depth x Height)
Weight	550g
Agency and Regulatory	FCC part 15 Class B, CE mark
Operating Temperature	0°C to 50°C
Operating Humidity	0-90% non-condensing

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